

1 2. (original): The development tunnel of Claim 1, wherein the housing is
2 insulated.

1 3. (original): The development tunnel of Claim 1, further comprising a
2 heating system operable to heat the coated film.

1 4. (original): The development tunnel of Claim 3, wherein the heating
2 system contacts the coated film.

1 5. (original): The development tunnel of Claim 1, wherein the housing
2 substantially surrounds the coated film during the development process.

1 6. (original): The development tunnel of Claim 1, wherein a cross-section of
2 the development chamber is optimized for minimum volume.

1 7. (original): The development tunnel of Claim 1, wherein the development
2 chamber includes an entry and an exit, wherein the entry and exit operable to reduce
3 air flow circulation through the development chamber.

1 8. (original): The development tunnel of Claim 1, wherein the development
2 chamber is oriented horizontally to reduce convective air flow through the
3 development chamber.

1 9. (original): The development tunnel of Claim 1, further comprising a
2 control system operable to monitor and control the temperature within the
3 development chamber.

1 10. (original): The development tunnel of Claim 1, wherein the temperature
2 within the development chamber is maintained substantially within the range of 40-80
3 degrees centigrade.

1 11. (original): The development tunnel of Claim 10, wherein the temperature
2 within the development chamber is maintained substantially within the range of 45-55
3 degrees centigrade.

1 12. (original): The development tunnel of Claim 1, wherein the relative
2 humidity within the development chamber is maintained substantially within the
3 range of 80-100 percent relative humidity.

1 13. (original): The development tunnel of Claim 1, wherein humidity is
2 supplied by evaporation of the developer solution on a film leader coupled to the
3 coated film.

1 14. (original): The development tunnel of Claim 1 further comprising a
2 humidification system operable to increase humidity within the development
3 chamber.

1 15. (original): The development tunnel of Claim 1, further comprising a
2 humidification system operable to decrease humidity within the development
3 chamber.

1 16. (original): The development tunnel of Claim 1, further comprising a
2 heating system operable to maintain the temperature of the coated film.

1 17. (original): The development tunnel of Claim 1, wherein the temperature of
2 the film is consistently maintained within 5 degrees Centigrade of a temperature
3 profile.

1 18. (original): The development tunnel of Claim 17, wherein the temperature
2 of the film is consistently maintained within 1 degree Centigrade of a temperature
3 profile.

1 19. (original): A photographic film processing system comprising:
2 an applicator station operable to coat a developer solution onto a photographic
3 film;
4 a development station operable to receive the coated photographic film,
5 wherein the development station operates to heat coated photographic film in an air
6 environment; and
7 a transport system operable to transport the film.

1 20. (original): The photographic film processing system of Claim 19, wherein
2 the applicator station includes a replaceable developer cartridge having a reservoir of
3 developer solution disposed within the cartridge.

1 21. (original): The photographic film processing system of Claim 19, wherein
2 the applicator station includes a slot coater device operable to apply a relatively
3 smooth layer of developer solution onto the photographic film.

1 22. (original): The photographic film processing system of Claim 19, further
2 comprising a scanning station operable to scan the photographic film and produce
3 digital images.

1 23. (original): The photographic film processing system of Claim 22, wherein
2 the scanning station scans the photographic film coated with developer solution.

1 24. (original): The photographic film processing system of Claim 22, further
2 comprising a print station operable to print one or more digital images.

1 25. (original): The photographic film processing system of Claim 22, further
2 comprising a user interface operable to display the digital images.

1 26. (original): The photographic film processing system of Claim 22, wherein
2 the digital images can be electronically communicated to a computer network.

1 27. (original): The photographic film processing system of Claim 19, wherein
2 the development station includes a heating system operable to contact the coated
3 photographic film.

1 28. (original): The photographic film processing system of Claim 19, wherein
2 the development station includes a development tunnel having a housing that forms a
3 development chamber through which the coated film is transported, the development
4 chamber operable to maintain a relatively constant temperature and humidity of the
5 coated film during development of the film.

1 29. (original): The photographic film processing system of Claim 28, wherein
2 the housing is insulated.

1 30. (original): The photographic film processing system of Claim 28, wherein
2 the development tunnel further comprises a heating system operable to heat the coated
3 photographic film.

1 31. (original): The photographic film processing system of Claim 30, wherein
2 the heating system contacts the coated photographic film.

1 32. (original): The photographic film processing system of Claim 30, wherein
2 the temperature within the development chamber is maintained substantially within
3 the range of 40-80 degrees Centigrade.

1 33. (original): The photographic film processing system of Claim 30, wherein
2 the temperature within the development chamber is maintained substantially within
3 the range of 45-60 degrees Centigrade.

1 34. (original): The photographic film processing system of Claim 28, wherein
2 the transport system comprises a leader transport system and the developer solution is
3 coated onto a film leader to produce humidity within the development chamber.

1 35. (original): The photographic film processing system of Claim 28, wherein
2 the relative humidity within the development chamber is maintained substantially
3 within the range of 80-100 percent relative humidity.

1 36. (original): The photographic film processing system of Claim 19, wherein
2 the development station operates to heat the photographic film to a temperature
3 substantially within the range of 40-80 degrees Centigrade.

1 37. (original): The photographic film processing system of Claim 19, wherein
2 the development station includes a halt station operable to substantially stop the
3 continued development of the photographic film.

1 38. (original): The photographic film processing system of Claim 19, wherein
2 the development station includes a film dryer operable to dry the developer solution
3 onto the photographic film.

1 39. (original): The photographic film processing system of Claim 19, wherein
2 the photographic film processing system is embodied as a self-service kiosk.

1 40. (original): The photographic film processing system of Claim 19, wherein
2 the development station further comprises a heating system operable to maintain the
3 temperature of the coated film.

1 41. (original): The photographic film processing system of Claim 19, wherein
2 the development station consistently maintains the temperature of the film within 5
3 degrees Centigrade of a temperature profile.

1 42. (original): The photographic film processing system of Claim 41, wherein
2 the development station consistently maintains the temperature of the film within 1
3 degree Centigrade of a temperature profile.

1 43. (currently amended) A method of processing a photographic film
2 comprising:

3 coating a development solution onto the photographic film; and
4 transporting the coated photographic film through ~~an air environment a~~
5 development station, wherein the development station operates to ~~develop heat~~ the
6 coated photographic film in an air environment where the temperature and humidity
7 are substantially controlled during development of the coated photographic film.

1 44. (original): The method of Claim 43, wherein development station heats
2 the coated photographic film to a temperature substantially within a range of 40-80
3 degrees Centigrade.

1 45. (original): The method of Claim 44, wherein the development station
2 heats the coated photographic film to a temperature substantially within a range of 45-
3 60 degrees Centigrade.

1 46. (cancelled): The method of Claim 43, wherein the development station
2 also operates to substantially control the humidity during development of the coated
3 photographic film.

1 47. (original): The method of Claim 46, wherein the humidity is substantially
2 maintained within the range of 80-100 percent humidity.

1 48. (original): The method of Claim 43, wherein the development station
2 includes a development tunnel having a housing that forms a development chamber
3 through which the coated photographic film is transported.

1 49. (original): The method of Claim 48, wherein the development tunnel
2 includes a heating system operable to heat the coated photographic film.

1 50. (original): The method of Claim 48, wherein the development tunnel is
2 insulated.

1 51. (original): The method of Claim 43, further comprising scanning the
2 developed film to produce digital images.

1 52. (original): The method of Claim 51, wherein scanning the developed film
2 comprises scanning the developed film through the coating of developer solution.

1 53. (original): The method of Claim 51, further comprising displaying the
2 digital images to a user.

1 54. (original): The method of Claim 51, further comprising printing one or
2 more digital images.

1 55. (original): The method of Claim 43, wherein the developer solution is
2 coated onto the photographic solution using a slot coater device.

1 56. (original): The method of Claim 43, wherein the developer solution is
2 coated onto the photographic solution using a replaceable developer cartridge.

1 57. (original): The method of Claim 43, wherein the processing of the
2 photographic film takes place in self-service kiosk.